

CLAIMS

1. A program-guide-display controlling apparatus
for displaying a plurality of program guides on a display unit
in a matrix form by using one of the ordinate and the abscissa
as a channel number axis and another one as a time axis,
comprising:

B 6 means for displaying to discriminate a time ^{period} zone based
7 on designation by a user.

1. A program-guide-display controlling apparatus
for displaying a plurality of program guides on a display unit
in a matrix form by using one of the ordinate and the abscissa
as a channel number axis and another one as a time axis,
comprising:

B 6 means for displaying to discriminate a time ^{period} zone in
B 7 which a purchased program is present and a time ^{period} zone in which
8 the purchased program is not present.

1. A program-guide-display controlling apparatus
for displaying a plurality of program guides on a display unit
in a matrix form by using one of the ordinate and the abscissa
as a channel number axis and another one as a time axis,
comprising:

6 means for displaying in different colors a program
7 guide belonging to a time ^{period} zone in which a purchased program is
B 8 present and a time ^{period} zone in which the purchased program is not
9 present among program guides displayed on said display unit.

1. A program-guide-display controlling apparatus

2 for displaying some program guides of all program guides on a
3 display unit in a matrix form by using one of the ordinate and
4 the abscissa as a channel number axis and another one as a time
5 axis, comprising:

6 means for displaying such that, if a program guide
7 concerning a program which has been purchased is included in
8 each of the program guides displayed on said display unit, that
9 program guide can be discriminated from a program guide
10 concerning a program which has not been purchased; and

11 means for displaying a mark indicating a direction of
12 the channel axis and a direction in which a channel of a
13 purchased program is present in a region corresponding to said
B14 time ^{period} zone in a display region of said display unit if a time
B15 ^{period} zone in which a purchased program is present is included in the
B16 ^{period} time zone of a program guide displayed on said display unit,
17 and the purchased program guide is not displayed on said
18 display unit.

1 5. A program-guide-display controlling apparatus
2 for displaying a plurality of items of program guide
3 information on a display unit in a matrix form by using one of
4 the ordinate and the abscissa as a channel number axis and
5 another one as a time axis, comprising:

B6 means for displaying a bar if a time ^{period} zone in which a
B7 purchased program is present is included in the time ^{period} zone of a
8 program guide displayed on said display unit, said bar being
B9 displayed in a region corresponding to said time ^{period} zone in a

10 display region of said display unit.

1 6. A program-guide-display controlling apparatus

2 for displaying a plurality of program guides on a display unit
3 in a matrix form by using one of the ordinate and the abscissa
4 as a channel number axis and another one as a time axis,
5 comprising:

6 setting means for allowing an arbitrary time ^{period} zone to be
7 set by a user; and

8 discriminatingly displaying means for effecting display
9 to discriminate the time ^{period} zone set by the user and other time
10 periods zones.

1 7. The program-guide-display controlling apparatus
2 according to claim 6, wherein said discriminatingly displaying
3 means causes a region corresponding to the time ^{period} zone set by the
4 user and a region corresponding to the other time ^{periods} zones to be
5 displayed in different colors in a display region in which the
6 plurality of program guides are displayed.

1 8. The program-guide-display controlling apparatus
2 according to claim 6 or 7, wherein said setting means allows
3 the starting time and the ending time of an arbitrary time ^{period} zone
4 to be set by the user.

1 9. The program-guide-display controlling apparatus
2 according to claim 6 or 7, wherein setting means allows the
3 starting time and the ending time of an arbitrary time ^{period} zone to
4 be set for each day of the week by the user.

10. A television receiver provided with the

Sub A1

2 program-guide-display controlling apparatus according to any
3 one of claims 1, 2, and 6.

ADD A.